

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	((light adj2 pipe) or (optic\$4 adj2 fib\$3)) and (scatter\$4 near2 partic\$4) and ((density adj2 gradie\$4) (concentration))).clm.	US-PGPUB	OR	ON	2006/04/10 16:32
L2	3	((("5982969") or ("5579429") or ("4422719"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L3	4	((("5631994") or ("4812011") or ("5093889") or ("5027259"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L4	6562	385/123-128,141-145.ccls. and @ad<"20030310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L5	408	L4 and (side near3 light\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L6	21	L5 and ((fluoropolymer same polymer\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L7	13	L5 and ((fluoropolymer fluoro\$6) near3 clad\$4) and (polymer\$4 near3 core\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L8	418	L4 and (side near3 (light\$4 or lit emit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L9	13	L8 and ((fluoropolymer fluoro\$6) near3 clad\$4) and (polymer\$4 near3 core\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33

## EAST Search History

L10	6	L9 and (light with (dispers\$4 scatter\$4 scrambl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L11	8008	385/31,123-128,141-145.ccls. and @ad<"20030310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L12	0	L11 and (radial with swath\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L13	0	L11 and (swath\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L14	1	L11 and (radial with sweep)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L15	1	L11 and (radius with sweep)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L16	11	L11 and (partial\$4 with (side near3 light\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L17	683	L11 and ((side near3 light\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33

## EAST Search History

L18	29	L17 and (light with (dispers\$4 scatter\$4 scrambl\$4) near3 core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L19	0	L18 and ((fluoropolymer fluoro\$6) near3 clad\$4) and (polymer\$4 near3 core\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L20	12	L18 and (fluor\$6 and polymer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L21	241	L17 and (fluoropolymer (fluor adj2 polymer\$4) polymer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L22	241	L17 and (fluoropolymer (fluoro adj2 polymer\$4) polymer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L23	127	L17 and ((fluoropolymer (fluoro adj2 polymer\$4) polymer\$4) with (core cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L24	275	L17 and (core with (diffus\$4 emit\$5 scatter\$4 reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L25	155	L17 and (core near3 (diffus\$4 emit\$5 scatter\$4 reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33

## EAST Search History

L26	117	L17 and (core near2 (diffus\$4 emit\$5 scatter\$4 reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L27	11	(L24 L25 L26) and (core near3 polymer\$5) and (clad\$5 near3 fluoropolymer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L28	1	("5579429").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L29	1	L28 and (polymer\$4 near3 (core\$3 clad\$4))	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L30	1	L28 and (polymer\$4 with (core\$3 clad\$4))	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L31	1	L28 and (polymer\$4 same (core\$3 clad\$4))	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L32	1	("5579429").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L33	0	L32 and (polymer\$3 with core)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L34	1	L32 and (polymer\$3 same core)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L35	4	((("5406641") or ("5485541") or ("5067831") or ("4422719"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L36	1	L32 and (index\$4 refract\$4)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L37	1	("6563993").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L38	1	L37 and (uniform\$5)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33

## EAST Search History

L39	1	L37 and (uniform\$5 even\$4 compatible, consonant, constant, equable, even, fated, fateful, fixed, habitual, homogeneous, immutable, incorrigible, inflexible, invariable, irreversible, level, methodical, monolithic, normal, ordered, orderly, ossified, plumb, regular, reliable, rigid, smooth, stable, static, steady, straight, symmetrical, systematic, true, unalterable, unbroken, unchanging, undeviating, undiversified, unfluctuating, unmodifiable, unvarying, well-balanced, well-proportioned)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L40	0	L37 and (even)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L41	0	L37 and (uniform)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L42	13	(US-20020015573-\$ or US-20020037133-\$).did. or (US-5579429-\$ or US-5606638-\$ or US-5937127-\$ or US-5987199-\$ or US-6091878-\$ or US-6137928-\$ or US-6154595-\$ or US-6215947-\$ or US-6278827-\$ or US-6519401-\$ or US-6563993-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L43	12	L42 and ( even, reliabl\$4, smooth\$4)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L44	9	L42 and ( density concentration)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L45	65166	"362"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L46	475	"362"/\$.ccls. and ((side near2 light) with (fiber or (light adj3 pipe) waveguide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L47	111	362/582.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33

## EAST Search History

L48	6562	385/123-128,141-145.ccls. and @ad<"20030310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L49	408	L48 and (side near3 light\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L50	418	L48 and (side near3 (light\$4 or lit emit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L51	8008	385/31,123-128,141-145.ccls. and @ad<"20030310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L52	0	L51 and (radial with swath\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L53	0	L51 and (swath\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L54	683	L51 and ((side near3 light\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L55	29	L54 and (light with (dispers\$4 scatter\$4 scrambl\$4) near3 core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33

## EAST Search History

L56	0	L55 and ((fluoropolymer fluoro\$6) near3 clad\$4) and (polymer\$4 near3 core\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L57	241	L54 and (fluoropolymer (fluor adj2 polymer\$4) polymer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L58	241	L54 and (fluoropolymer (fluoro adj2 polymer\$4) polymer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L59	275	L54 and (core with (diffus\$4 emit\$5 scatter\$4 reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L60	155	L54 and (core near3 (diffus\$4 emit\$5 scatter\$4 reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L61	1	("5579429").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L62	1	("5579429").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L63	0	L62 and (polymer\$3 with core)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L64	1	("6563993").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L65	0	L64 and (even)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L66	0	L64 and (uniform)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L67	65166	"362"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33

## EAST Search History

L68	1	L51 and (radial with sweep)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L69	1	L51 and (radius with sweep)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L70	1	L61 and (polymer\$4 near3 (core\$3 clad\$4))	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L71	1	L61 and (polymer\$4 with (core\$3 clad\$4))	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L72	1	L61 and (polymer\$4 same (core\$3 clad\$4))	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L73	1	L62 and (polymer\$3 same core)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L74	1	L62 and (index\$4 refract\$4)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L75	1	L64 and (uniform\$5)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L76	1	L64 and (uniform\$5 even\$4 compatible, consonant, constant, equable, even, fated, fateful, fixed, habitual, homogeneous, immutable, incorrigible, inflexible, invariable, irreversible, level, methodical, monolithic, normal, ordered, orderly, ossified, plumb, regular, reliable, rigid, smooth, stable, static, steady, straight, symmetrical, systematic, true, unalterable, unbroken, unchanging, undeviating, undiversified, unfluctuating, unmodifiable, unvarying, well-balanced, well-proportioned)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L77	3	((("5982969") or ("5579429") or ("4422719"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L78	4	((("5631994") or ("4812011") or ("5093889") or ("5027259"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33
L79	21	L49 and ((fluoropolymer same polymer\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33



## EAST Search History

L80	13	L49 and ((fluoropolymer fluoro\$6) near3 clad\$4) and (polymer\$4 near3 core\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L81	13	L50 and ((fluoropolymer fluoro\$6) near3 clad\$4) and (polymer\$4 near3 core\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L82	6	L81 and (light with (dispers\$4 scatter\$4 scrambl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L83	11	L51 and (partial\$4 with (side near3 light\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L84	29	L54 and (light with (dispers\$4 scatter\$4 scrambl\$4) near3 core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L85	12	L55 and (fluor\$6 and polymer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L86	117	L54 and (core near2 (diffus\$4 emit\$5 scatter\$4 reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L87	11	(L59 L60 L86) and (core near3 polymer\$5) and (clad\$5 near3 fluoropolymer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L88	4	((("5406641") or ("5485541") or ("5067831") or ("4422719"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:33

## EAST Search History

L89	13	(US-20020015573-\$ or US-20020037133-\$).did. or (US-5579429-\$ or US-5606638-\$ or US-5937127-\$ or US-5987199-\$ or US-6091878-\$ or US-6137928-\$ or US-6154595-\$ or US-6215947-\$ or US-6278827-\$ or US-6519401-\$ or US-6563993-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L90	12	L89 and ( even, reliabl\$4, smooth\$4)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L91	9	L89 and ( density concentration)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
L92	127	L54 and ((fluoropolymer (fluoro adj2 polymer\$4) polymer\$4) with (core cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L93	117	L54 and (core near2 (diffus\$4 emit\$5 scatter\$4 reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L94	111	362/582.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L95	475	"362"/\$.ccls. and ((side near2 light) with (fiber or (light adj3 pipe) waveguide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:33
L96	2	((optical\$2 near2 fiber\$2) or (light adj2 pipe)) and index\$2 and (scatter\$4 near2 light\$2) and (density adj2 gradient) and (light near2 side)).clm.	US-PGPUB	OR	ON	2006/04/10 16:33
L97	2	((optical\$2 near2 fiber\$2) or (light adj2 pipe)) and index\$2 and (scatter\$4 near2 light\$2) and (radial\$2 near2 (swath or sweep)) and (light near2 side)).clm.	US-PGPUB	OR	ON	2006/04/10 16:33